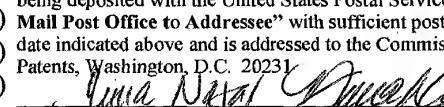


PATENT
ATTORNEY DOCKET NO. AURO1120-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: Unassigned
Whitney et al.)
Parent Application No.: 09/047,862) Examiner: Unassigned
Parent Filed: March 25, 1998) "EXPRESS MAIL" Mailing Label Number EL476994170US
Filed: January 26, 2001) Date of Deposit January 26, 2001
For: METHODS AND COMPOSITIONS) I hereby certify under 37 CFR 1.10 that this correspondence is
FOR SENSITIVE AND RAPID,) being deposited with the United States Postal Service as "Express
FUNCTIONAL IDENTIFICATION OF) Mail Post Office to Addressee" with sufficient postage on the
GENOMIC POLYNUCLEOTIDES) date indicated above and is addressed to the Commissioner for
AND USE FOR CELLULAR ASSAYS) Patents, Washington, D.C. 20231
IN DRUG DISCOVERY) 

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/047,862, filed March 25, 1998, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

Applicants respectfully request that the references supplied in compliance with 37 C.F.R. § 1.97 in the above-referenced parent application, as well as those cited during its examination, be made of record. For the convenience of the Examiner, enclosed is a PTO-1449 listing the references cited by the Examiner or cited in an Information Disclosure Statement filed by the Applicants. Copies of the documents will be found in the above-referenced parent application.

In Re Application of:
Michael Whitney et al.
Parent Application No. 09/047,862
Parent Filing Date: March 25, 1998
Continuation Filing Date: January 26, 2001
Page 2

PATENT
Attorney Docket No.: AURO1120-5

It is respectfully requested that the parent application and the references cited therein be considered in the examination of this application and that their consideration be made of written record in the application file.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 50-1355.

Respectfully submitted,

Date: 1/26/01


Lisa A. Haile, Ph.D.
Reg. No. 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, California 92121-2189

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. AURO1120-5	Serial No.: Unassigned
Applicant(s): Michael Whitney et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: January 26, 2001	Group Art Unit: Unassigned

JC961 U.S. PTO 02/27/14 01/26/01
02/27/14

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,777,888	07/07/98	Rine et al.			
	AB	5,589,377	12/1996	Lebkowski et al.			
	AC	5,843,742	12/1998	Natsoulis et al.			
	AD	5,928,888	07/1999	Whitney			
	AE	5,922,601	07/13/99	Baetscher			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	AF	WO 94/01137	01/20/94	PCT			
	AG	WO 96/16179	05/30/96	PCT			
	AH	WO 97/19180	05/29/97	PCT			
	AI	WO 97/19183	05/29/97	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AH	Fiering et al., Cytometry 12:291-301 (1991)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT:
Whitney et al.

FILING DATE:
01/26/01

GROUP:

U.S. PRO
JC961 09/72114
01/26/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
		4,935,363	6/19/90	Brown, et al.			
		4,980,281	12/25/90	Housey			
		5,264,354	11/23/93	Solenberg			
		5,266,464	11/30/93	Housey			
		5,298,429	3/94	Evans et al.			
		5,326,691	7/5/94	Hozier			
		5,354,674	10/11/94	Hodgson			
		5,364,783	11/15/94	Ruley et al.			
		5,378,603	1/3/95	Brown et al.			
		5,401,629	3/28/95	Harpold et al.			
		5,436,128	7/25/95	Harpold et al.			
		5,464,764	11/7/95	Capecchi et al.			
		5,474,897	12/12/95	Weiss et al.			
		5,487,992	1/30/96	Capecchi et al.			
		5,464,764	11/7/95	Capecchi et al.			
		5,501,979	3/26/96	Geller et al.			
		5,514,561	5/96	Quante et al.			
		5,369,588	10/29/96	Ashby et al.			
		5,580,722	12/3/96	Foulkes et al.			
		5,604,090	2/18/97	Alexander et al.			
		5,614,396	3/25/97	Bradley et al.			
		5,627,058	5/6/97	Ruley et al.			
		5,627,059	5/6/97	Capecchi et al.			
		5,631,153	5/20/97	Capecchi et al.			
		5,639,596	6/17/97	Borkamm et al.			
		5,652,128	7/29/97	Jarvik			
		5,665,543	9/9/97	Foulkes et al.			
		5,741,657	4/21/98	Tsien et al.			

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 88/07579	10/6/88	PCT				
		WO 91/01379	2/07/91	PCT				

EXAMINER

DATE CONSIDERED

- * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformation and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT:
Whitney et al.

FILING DATE:
January 26, 2001

GROUP:

09/77214
C96 U.S. PTO
01/24/01

	WO 92/05286	4/2/92	PCT					
	WO 93/11257	6/10/93	PCT					
	WO 94/17208	8/04/94	PCT					
	WO 94/23039	10/13/94	PCT					
	WO 94/24301	10/27/94	PCT					
	WO 95/03601	2/23/95	PCT					
	WO 96/30540	10/03/96	PCT					
	WO 96/03647	2/8/96	PCT					
	WO 96/04557	2/15/96	PCT					
	WO 96/05511	2/22/96	PCT					
	WO 98/13353	9/26/97	PCT					
	0 731 169 A1	9/11/96	EPO					
	0 291 893 A1	5/14/88	EPO					

OTHER PUBLICATIONS (including Author, Title, Date, Pertinent Pages, Etc.)

Bauer, Jr., et al., Human Gene Therapy. 8:243-252 (1997)
Bolker et al., Mol. Gen. Genet. 248:547-52 (1995).
Bolker et al., Original paper, communicated by CAMJJ van den Hondel, "Tagging pathogenicity genes in <i>Ustilago maydis</i> by restriction enzyme-mediated integration (REMI)" (1995).
Boss, J. Biol. Chem. 271:10429-10432 (1996)
Brenner et al., Proc. Natl. Acad. Sci. USA. 86:5517-5521 (1989).
Bush et al., Cell Calcium. 8:455-472 (1987).
Cantor. Nature Biotechnology. Vol. 14, p. 264 (1996).
Cartwright et al., Yeast 8:261-272 (1992).
Choi et al., Oncogene. 9:1261-1266 (1994).
Claes et al., Plant Journal. 1:15-26 (1991).
Colbere-Garapin et al., Gene 50:279-288 (1986).
Cone et al., Proc. Natl. Acad. Sci. USA. 81:6349-6353 (1984).
Davis et al., J. Biol. Chem. 262:4075-4082 (1987).
Debenham et al., Int. J. Radiat. Biol. 46:555-568 (1984)
Deursen et al., Proc. Natl. Acad. Sci. USA. 92:7376-7380 (1995).
Deutsch et al., Proc. Natl. Acad. Sci. USA. 85:7922-7926 (1988).
Dougherty et al., Proc. Natl. Acad. Sci. USA 84:1197-1201 (1987).
Ehrhardt et al., Cell. 85:673-681 (1996).
Forrester et al., Proc. Natl. Acad. Sci. 93:1677-1682 (1996)
Fukushige et al., Proc. Natl. Acad. Sci. USA. 89:7905-7909 (1992).
Friedrich et al. Methods in Enzymology 225:681-701 (1992).
Friedrich et al., Genes & Development 5:1513-1523 (1991)
Frohman et al., Cell. 56:145-147 (1989).
Gogos et al., J. Cell Biol. 134:837-847 (1996).
Gogos et al., J. of Virology. 71:1644-1650 (1997).
Godwin et al. Proc. Natl. Acad. Sci. USA 91:12354-12358 (1994).
Gould et al., Analyt. Biochem. 175:5-13 (1988).

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformation and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANT:
Whitney et al.FILING DATE:
January 26, 2001GROUP:
UnassignedJC961 U.S. PTO
09/77214
01/26/01

Gossler et al., Reports (April 1989)
Guild et al., J. Virology. 62:3795-3801 (1988)
Hamada Mol. Cell. Biol. 4:179-4184 (1986)
Hicks et al., Nature Genetics. 16:338-344 (1997).
Hill et al., Methods in Enzymology 225:661-679 (1993).
Hiiller et al., Mol. Cell. Biol. 8: 329-3302 (1988).
Hoshizaki et al., Genome. 38:497-506 (1995).
Hsuih et al., J. Clin. Microbio. 34:501-507 (1996).
Ioffe et al., Proc. Natl. Acad. Sci. USA. 92:7357-7361 (1995).
Jarvik et al., BioTechniques 20:896-904 (1996)
Kadonaga et al., J. Biol. Chem. 259:2149-2154 (1984)
Kahn et al., Biochem. 36:4731-4738 (1997).
Kerr et al., Cold Spring Harbor Symposia on Quantitative Biology. 54:767-775 (1989).
Kronenberg, Int. J. Radiat. Biol. 66:603-609 (1994).
Kuspa et al., Proc. Natl. Acad. Sci. 89:8803-8807 (1992)
Kuspa et al., Genetics. 138:665-674 (1994).
Kwiatkowski et al., Biochem. Biophys. Research Comm. 222:601-606 (1996).
Luo et al., Plant Journal. 1:59-69 (1991).
Mattila et al., The EMBO Journal. 9:4425-4433 (1990)
Miklos et al., Cell. 86:521-529 (1996).
Moore et al., Analyt. Biochem. 247:203-209 (1997).
Mosser et al., BioTechniques 22:150-161 (1997, January)
Mountford et al., Proc. Natl. Acad. Sci. USA 91:4303-4307 (1994)
Mountford et al., TIG 11: 11:179-184 (1995).
Muzyczka et al., Current Topics in Microbiology and Immunology. 158:97-127 (1992).
Nakajima et al., FEBS 315:129-133 (1993)
Natarajan et al., Nucleic Acids Research. 23:4003-4004 (1995)
Nickoloff, Mol. Cell. Biol. 12:5311-5318 (1992).
Niwa et al., J. Biochem. 113:343-349 (1993)
Obermeyer et al., Euro. J. Cell Biol. 56:319-327 (1991).
Okazaki et al., J. Biol. Chen. 629:6900-6907 (1994)
Otani et al., J. Biol. Chem. 263:7322-7329 (1988).
Palacios, et al., Proc. Natl. Acad. Sci. 92:7530-7534 (1995)
Pennisi et al., Science. 272:1736-1738 (1996).
Pierson et al., Dev. Biol. 174:160-173 (1996).
Potocnik et al. The EMBO Journal, 13:5274-5283 (1994)
Rathore et al., Dev. Biol. 148:612-619 (1991).
Reddy et al. Proc. Natl. Acad. Sci, USA 89:6721-6725 (1992).
Reid et al., Mol. and Cell. Biol. 11:2769-2777 (1991)
Renkens et al., Mol. Gen. Genet. 233:53-64 (1992).
Rich, I., Blood. 86:463-472 (1995).
Rijkers et al., Biochim. Biophys. Acta. 1307:294-300 (1996).
Rouet et al., Molecular and Cellular biology 8:996-8106 (1994)
Sekkali et al. Molecular Marine Biology and Biotechnology, 3:30-34 (1994)
Seratini et al., Immunity. 3:239-250 (1995).

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformation and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT:
Whitney et al.

FILING DATE:
January 26, 2001

GROUP:

Unassigned

09/72114
U.S. PRO
01/26/01

	Shapiro et al. Nucleic Acids Research 15:7155-7175 (1987)
	Simon, Nature Biotechnology. Vol. 15, p. 839 (1997).
	Siekevitz et al., Proc. Natl. Acad. Sci. USA. 84:5389-5393 (1987).
	Skarnes et al., Genes and Development 6:903-918 (1992).
	Skarnes et al., Current Opinion in Biotechnology. 4:684-689 (1993).
	Skarnes et al., Proc. Natl. Acad. Sci. USA 92:6592-6596 (1995)
	Soriano et al., Genes & Development 1:366-375 (1987)
	Soriano et al., J. of Virology. 65:2314-2319 (1991).
	Topping et al., Plant Journal. 5:895-903 (1994).
	Townley et al. Genome Res. 7:293-298 (1997)
	Toyoda et al., Mammalian Genome 6:426-428 (1995)
	Tyagi et al., Nature Biotechnology. 14:303-308 (1996)
	Tyagi et al., Proc. Natl. Acad. Sci. USA. 93:5395-5400 (1996).
	Vidal et al., J. Leukocyte Biol. 58:382-390 (1995).
	von Melchner et al., J. Virol. 3227-3233 63:3227-3233 (1989).
	Wei et al., The Plant Journal. 11:1307-1314 (1997).
	Whiteley et al., Development. 124:1531-1541 (1997).
	Wong et al., Gene 10:87-94 (1980)
	Wu et al., Proc. Natl. Acad. Sci. USA. 89:11769-11773 (1992).
	Wurst et al. Genetics 139:889-899 (1995)
	Xing et al., Endocrinology. 138:2776-2783 (1997).
	Yeh et al., Proc. Natl. Acad. Sci. USA. 92:7036-7040 (1995).
	Yoshida et al. Transgenic Research 4:277-287 (1995)
	Yu et al., Proc. Natl. Acad. Sci. USA 83:3194-3198 (1986)
	Zambrowicz et al., Proc. Natl. Acad. Sci. USA. 94:3789-3794 (1997).
	Zmuidzinas et al., EMBO Journal. 14:1-11 (1995).

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformation and not considered. Include a copy of this form with the next communication to applicant.

PATENT ATTORNEY DOCKET NO.: AURO1120-2 (08366/026001)

The Patent and Trademark Office date stamp sets forth the receipt date of:

Applicant: Michael A. Whitney et al.

Application No.: 09/047,862

Filed: March 25, 1998

Title: METHODS AND COMPOSITIONS FOR SENSITIVE AND RAPID,
FUNCTIONAL IDENTIFICATION OF GENOMIC POLYNUCLEOTIDES
AND USE FOR CELLULAR ASSAYS IN DRUG DISCOVERY

Art Unit: 1655
Examiner: J. Friedman

- Transmittal Letter (2 copies) Petition for 1 Month Extension of Time (2 pg.)
 Amendment/Response with Appendix A (pgs.)
 Issue Fee Request Patent Copies
 Check: \$110.00 Status Inquiry (pg.)
 Drawings: _____ Sheets (Formal) Certificate of Correction (pg.)
 Declaration (pg.) Notice of Appeal (pgs.)
 Small Entity Statement Appeal Brief (pg; copies)
 Power of Attorney (pg.)
 Assignment/Recordal Cover Sheet (pg.)
 Copy of Notice to File Missing Parts
 Information Disclosure Statement (pg.)
 Form PTO-1449 (pg.)
 Number of Prior Art References: _____

Sequence Listing (pg.) Declaration (pg.) Verified Statement (pg.) Disk
Other: Return receipt postcard Date Mailed: 01/26/01
Atty/Sec Initials: lab/jdd Client Name:JOHNS HOPKINS (104659-157029) Date Due: 2/22/2001